

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: km@PACT.ORG.PE (Kris Merschrod)
Subject: [4263] 10mtr VXO
Message-ID: <m0t4Uxc-000AwTC@rcp.net.pe>

Bruce,

10 meter fundamentals are available from Jan Crystals in Fla. I used them a few years ago (also 12 Mtrs) in the "Two-Fer" vxo configuration. My out put was about 600mW and first QSO was from my TI2QRP QTH to the Alert Station in Northern Canada (I think that the 4 element quad made of bamboo up in a eucalyptus tree helped!!)

Using the same two-fer diagram I also built a rig for 15 meters and spent many a happy hour from HR3-land in 1 watt qso's to the US. The main thing is to keep the leads short and make a pi-filter at the end to control the harmonics.

Also, look at Lau's 3 band design because he uses fundamentals up in that range. Both of these designs are in "QRP Classics." Lau's original 3-bander was in QST about 1990 +/-

Sri, my ref. books are still in boxes.

72,

Kris
OA4\KA20IG
ARCI # 7272

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: Robert Penneys <radio@UDe1.Edu>
Subject: [4268] 40 and 20 CW xcvr wanted
Message-ID: <199510151807.0AA16363@strauss.udel.edu>

I am looking for a portable/mobile transceiver for 20 and 40 CW. Either one you may have, or a kit. Recently had a Scout, which I loved, but was overkill.

Tnx, Bob WN3K Frankford Radio Club N.E.R.D.S.

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995

From: N9DD@aol.com
Subject: [4281] ARCI Fall QSO Party de N9DD
Message-ID: <951015222046_74356174@mail04.mail.aol.com>

After agreeing to go on a camping trip to a nearby State Park the weekend of the 14th and 15th with a couple of old work pals and my 3 sons, I realized that it would interfere with the ARCI contest. Instead of giving up on the radio event though, I decided to take my Norcal 40A along and try some portable operation.

I was the only ham on the trip and with the kids along, I didn't expect much time to operate but it was worth a try anyway. I managed to string up a low dipole for 40 meters over the pop-up camper we were staying in. I sure got a strange look from my friend Bill when I told him that he would have to move the camper over about 10 feet, because it wasn't centered between the trees I was using for my dipole support :-).

I turned on the rig and was horrified to hear nothing but CQ PA, CQ PA. Oh no! another bunch of contesters - and they had the gall to be calling on 7.040 MHz! I heard another station calling CQ EGA CQ EGA. Another contest for those promoting outdated computer video standards??? After a while, I realized it was just a lousy CW fist and the guy was also trying to send CQ PA.

I gave it a try anyway. When I heard a strong CQ from WA0RPI, I gave a call and got a quick reply. Hmmm... this might work out after all!

Unfortunately, all I could hear after that was a bunch of loud CQ PAs all over the band. I gave up for a while, tried again a couple hours later, managed 2 QSOs and called it quits.

Things worked out OK though. After returning home, I hooked the rig back up to the main antenna and worked quite a few stations. I called CQ a few times and got pounced on by a barrage of QRP stations. I guess it can be an advantage to go into a contest during the last few hours - everyone is looking for new stations. The PA stations vanished late in the contest too - their contest must have ended earlier.

I didn't end up with a huge score by any means. It was fun though. I'm sure I'd like to try a portable setup again while camping. I worked quite a few familiar calls and I'm still amazed by some of the huge QRP signals I hear from stations like N4ROA who is always booming in here.

I hope the rest of you managed some QSOs through the Pennsylvania Contest. When is the next QRP contest?

72,

Tom N9DD

South Bend, IN

Inventory Control Specialist - Tech Data
Former Unisys Customer Engineer
Licensed since 1972 ex-WN9IUQ, WB9IUQ
QRP CW forever!

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: JimN00CT@aol.com
Subject: [4280] ARCI Party--
Message-ID: <951015212818_124676682@mail04.mail.aol.com>

Well, that's what I like about QRP contests--they're a heck of a lot more
fun than other ones!

This is a Phlegm Band entry--tried a few therapeutic QSO's to reduce the
pneumonia that's got me.

Snatched:

KD1F
W0KEA
AA7KF
VE4AKI
N4BP
K2JT
K5ZTY
K0FRP (40 & 20)
W8MVN
KC0M
K5ERJ
KM8X
NF0R (you dog, you)
KN5S
K1PUG
AA21Y
WB0IQK/8
KI4UZ
W8AC
AC4ZH
KC4IIS
KN4QV
WA8LCZ

Thanks to all--it was a nice coupla afternoons, and I know the '509 and the dipole still work.

73,
Jim "I'm too sexy for my amp" N00CT

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
Subject: [4282] ARCI QSO Party
Message-ID: <Pine.A32.3.90.951015221435.31609A-1000000@weyl.math.Virginia.EDU>

I dropped into the Party a few times during the weekend, mainly to listen for FD friends from 6-land, so I mostly hung out on 20m. I dropped down to 40m long enough to disappoint K3TKS with my VA (hope springs eternal--he thought he had CA in the middle of the PA contest on 40m at 4:30pm local!) Also I worked G3KNU on 15m, but he was in some other contest.

Rigs: OHR Classic on 20m, R2/T2 setup on 40m, FT-890 on 15m. All at 5w, into a dipole that scrapes the top of the house.

Guys worked:

W8MVN
AA7KF
N4BP
K0FRP
WA0RPI
WA0ZPT
N0IZZ
AA7QU
W7RX
K7YHA
N70GF
K3TKS
W0AV

G3KNU

Only heard one 6 station (in Huntington Beach); not in the contest.

Ralph AA6UL/4
Charlottesville, VA

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
 From: ab253@rgfn.epcc.Edu (Andrew Hair)
 Subject: [4275] ARCI Results - AB5WB
 Message-ID: <9510160024.AA17286@rgfn.epcc.Edu>

To all,

I only had a few hours to fiddle around with the contest on Saturday so was only able to produce a modest effort.

CALL	TIME	FREQ	RST RCVD	RST SENT	STATE	PWR/NO.	MULT.	POINTS
AA7QU	2044	20	569	559	OR	8312 1	5	
K5HPJ	2054	20	459	559	TX	3585 1	5	
WA0RPI	2055	20	589	559	MN	6846 1	5	
WB4TPW	2103	20	549	559	OR	8417	5	
W0SK 2107	20	559	559	TN	1944 1	5		
KF5WY	2108	20	559	559	TX	6165	5	
WB6LMA	2111	20	559	559	OR	8959	5	
AE4CA	2113	20	559	559	GA	8761 1	5	
KU4B 2115	20	579	559	TN	5246	5		
WX7R 2118	20	559	559	OR	6234	5		
N4BP 2123	20	599	559	FL	3412 1	5		
WB5FKC	2124	20	599	559	TX	3571	5	
W0AV 2212	20	559	559	MO	3305 1	5		
KN4QV	2215	20	559	559	GA	1789	5	
VE6XT	2217	20	559	559	ALB	7806 1	5	
N3HAM	2227	20	339	559	PA	7463 1	5	
NF9X 2229	20	559	559	IL	4550 1	5		
AA0SM	2231	20	559	559	MN	2W	2	
K04AJ	2233	20	559	559	GA	8521	5	
N7EQN	2234	20	559	559	CA	8758 1	5	
N6ULU	2238	20	569	559	CA	8673	5	
KB2JE	2240	20	549	559	NJ	8009 1	5	
N2TWW	2244	20	559	559	NY	8051 1	5	
AA1MR	2250	20	339	559	MA	8003 1	5	
W9MSE	2253	20	449	559	WI	8720 1	5	
WK2G 2257	20	559	559	NJ	3W	2		
KE6PTM	2300	20	559	559	CA	5W	2	
AA7KF	2309	20	569	559	OR	7601	5	
KD1F 2311	20	449	559	NY	8318	5		
K8NQC	2317	20	559	559	OH	8305 1	5	
KC4IIS	2326	20	559	559	TN	8627	5	

Total Multipliers 16
Total Points 146

Score: 16 SPC'S x 146 Points x 7 Power factor = 16,352

The rig used was an MFJ 9020 at 5 watts. The antenna was a rotating dipole at 30 feet. I tried a used "2 memory" keyer I picked up for a song. Trouble was, sometimes it sounded like it WAS playing a song! It kept interjecting strange characters. My apologies to those who thought my code was a bit strange. I wasn't drunk, no kidding!

Andrew Hair - AB5WB
El Paso, Texas

--

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: "Jim Kortge, NU8N" <jokortge@sun.lisp.com>
Subject: [4270] Cascade on 40 and 17
Message-ID: <9510152039.AA19034@sun>

Well Gang...the battle is over, and I won--sort of! The Cascade is complete, works really well on receive, but is a bit short of the mark on transmit. I am getting about 4.5 watts out on 40, but only 1 watt on 17. The signal sounds great on both bands, although the carrier suppression isn't as good on 17 as it is on 40. But probably at an acceptable level.

I have started a document with all of the modifications that I did. It is complete through the VFO section, and I will get some more of it done today, but won't complete it 'cause the BOSS (e.g. Kathy, KB8IMP) has been more than patient with this effort. It is letting me take her out to dinner this evening.

I'm going to spend a short time this afternoon on 17 seeing if I can make a contact. I made several on 40, got nice signal reports especially on the audio quality. BTW, I went back to the 4.7K for R63. I needed the gain with the Alinco speaker mike that I am using. That value put the audio right on the money.

More later.....Jim, NU8N

Jim Kortge, NU8N		Bicycle Mobile Hams
jokortge@lisp.com	__o	of America
Fenton, MI	_\'<,	Mizuho 17m/40m QRP SSB
.. .. .	(*)/(*)	

From qrp-l@lehigh.edu Mon Oct 16 14:35:00 1995
 From: Mike Connor <mikec@primenet.com>
 Subject: [4288] Chuck's QRPA Group
 Message-ID: <Pine.BSD.3.91.951015222207.25880C-1000000@usr5.primenet.com>

Chuck,

You're not alone with that addiction you've got. Don't worry though, its rarely fatal but can be incureable. Perhaps you're familiar with some of the other symptoms of the addiction;
 TKS- Terminal Keyer Syndrome -identified by twitching of thumb and forefinger while the person is talking to someone else
 TSS-Toxic Solder Syndrome- These guys are addicted to the smell of burning solder; they keep a little roll of 60/40 rosin core in their pocket to sniff when they're away from the workbench; can't survive without their "fix"....
 Iambaphobia- Fear of communicating without keyer paddles
 Lets face it; there ain't no 12 step program, and there ain't no magic pill; the sooner you accept it, the easier it'll be for ya.
 Oh yea, one other thing; The first sign of an addict is DENIAL..So, when the wife comes in and says " don't you think you're spending too much time with that radio stuff"? and you break out in a nervous sweat and utter a quick "NO!" while trying to make it look like you're doing something other than an alignment on an OHR400, you're probably hooked.
 But fear not lads/lasses, you are not alone.....

7T2
 Mike
 NQ7K

From qrp-l@lehigh.edu Mon Oct 16 14:35:00 1995
 From: paul1@wizard.ucs.sfu.ca (Paul Erickson)
 Subject: [4266] DSP filter comparisons?
 Message-ID: <9510151749.AA17483@wizard.ucs.sfu.ca>

I would be very interested in hearing any experiences that people have had with the various filters available? Any comparisons between the commercial filters and the kits available would be most welcome.

cheers, Paul
ve7cqk1
email: paul1@wizard.ucs.sfu.ca

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: pcalcand@sescva.esc.edu (PETER CALCANDY)
Subject: [4261] DSP filters and the ARGO 509
Message-ID: <95101510472238@sescva.esc.edu>

I have recently purchased from Radio Shack their last DSP for \$30.00. What a deal! (Display model with dust on it). I have installed it the normal way and it works ok. Not as good as the other DSP filters available for hams but it the damn thing just lights up, I got my money's worth. Actually, it works ok. Problem is, when a strong signal is within the receivers passband, the agc knocks down and the weak signal I am listening to goes into the noise. I understand the argo audio filter gets around this problem by being placed ahead of the agc. Therefore, when you filter out an unwanted signal, the agc isnt affected. (Putting the filter between pins 4 and 5). Can I do this with the dsp filter? The last time I experimented with another crummy mfj audio filter, I blew the audio chip on the rig. Any suggestions?

Also having a rough time with the arci contest this year. the Penna. QSO party seems to be right on top of wherever I want to transmit on 40 or 80 meters.

regards
Peter N2KPY

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: K5ERJ@aol.com
Subject: [4271] FAux Pas
Message-ID: <951015175800_45269457@emout04.mail.aol.com>

The King of Faux Pas has done it again! To anyone that worked me during the QRP ARCI QSO Party, I gave out the wrong ARCI number. Seems like I trusted my memory instead of looking at the certificate. The first two numbers are transposed.

If you are one of those in my log, send me E mail direct and I will give you the correct number.

Sorry about that.

Ed K5ERJ

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: NYOUNG@nova.wright.edu
Subject: [4278] Fox passes, ARCI results and general blithering
Message-ID: <01HWHEJABNMG8Y5M7R@nova.wright.edu>

Someday I'll have it figured out how to put the entire post in the subject line. Won't that save bandwidth?

Anyway, I had about three contacts in the contest before I realized that I was sending my G-QRP club number. Poor bozos on the other end will probably get docked points for it. But then, what do you expect from a guy who would try to work 15m on about 400 mW?

Then there was this pile of G3s and G4s (and I think a G0) on 15 who were calling CQ TEST. I figured out the exchange and had a couple Qs that way. Kinda fun, actually, even if I did run the power up to about 25 W. Interesting to see 15 open again and that I could use the wire antoonas for DX. Sometimes I learn stuff. Sometimes I send the wrong membership number.

So I had 4 Qs on the ARCI test, all of them on 40.
And I had 7 Qs on the English whatever it was contest, all of them on 15.
And I finally got the rotor control box cobbled together (who needs that crap that you get at the hamfest what don't work 'cause the switches are corroded with mouse pee?) and the scale on the meter reasonably linear and that's ready for going up the tower next weekend (when it'll probably rain anyway but if Larry's nuts, so am I) but I ain't gonna put up the beam 'cause I have to get it out from under the trash pile next to the garage -- actually between the garage and the outhouse where we were gonna put the satellite dish before gramma ran off with that raindeer salesman and besides, it's getting kinda brisk for working on antennas. (So there, a run on sentence, eh? I know. I know. "Get the little book. Get the little book." Well, I got it already and mine has a nice picture of the Chairman in it and I read it every now and then just to remember Huey Newton. Or was it Huey Lewis? Or Olivia Newton? Or the Gerald Wilson Big Band? Hell... I give up.)

So that's the report on this weekend's activities. Got a lot done, eh? Right. Beavis and Butthead are more productive.

73
Nils
WB8IJN &c
Heh heh heh....

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: lbbarley@southwind.net (Bruce Barley)
Subject: [4289] hollow-state silicon qrp devices
Message-ID: <199510160605.BAA19026@onyx.southwind.net>

Some years (yes, YEARS) ago, I recall an article describing a QRP CW transmitter built from a 6U10 - triple triode. Roughly stated, the tube specs look like about a watt+ output at about 300V ep. Originally used as a video output driving the CRT.

With the long, cold winter nites coming on, something like this would be interesting to breadboard. Run it either rockbound, or tickle it with an old Heath VFO I picked up for \$2.00 at a flea market. {The guy didn't know what he had, and I didn't offer to tell him. Those two dollar bills just about caught fire from the friction - I whipped them out of my wallet so fast! <g> } I've got just the 80/40 M vertical antenna in place for it.

If any of you recall an old QRP homebrew rig running a 6U10, please advise - either here {1st choice) or off line to my e-mail account. Thanks for the bandwidth.

Bruce - KB0PZD
(ex-WD0HRQ)

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: km@PACT.ORG.PE (Kris Merschrod)
Subject: [4264] Hunting for the fox
Message-ID: <m0t4Uxd-000AylC@rcp.net.pe>

I've failed so far, but here is how to do it.

- 1) get your time zone straight
- 2) slowly move the dial up and down the given Freq. but really slowly plus or minus 3 KHz.

- 3) If there is a carrier on the Freq. then do step #2 above and below the carrier.
- 4) Keep in mind that on 40 meters propagation fluctuates and you could be on Freq yet not hear at that moment and at our power levels that means moving in and out of hearing frequently even when it is "opened."
- 5) keep in mind the call sign of the fox (If you keep repeating it enough you will imagine that you hear it!!!)
- 6) copy the QSOs to pick up an indication of who is in there.
- 7) once you have zeroed in, then start adjusting everything you have in the way of filters, bandpass, notches, cup your earphones until you can be sure that you have it.
- 8) cut back on the RF until you just cut into the noise.
- 9) Finally, give a call.

>From down here that is the way most QRP contacts are made. Of course, if nothing is heard lay down a barrage of CQs or what have you, but that is the last resort because some QRO guy might come back and blow your ears into oblivion!

The main thing to keep in mind is that this is a hunt and not a fishing expedition. It is sort of like being in a tree stand during bow season with your eyes closed listening for the deer to rustle the leaves.

As stated at the beginning -- this has not worked so far, but, then again, it is only the beginning of the season.

Kris
OA4\KA20IG

P.S. Down this way the lower 40 meters is a phone band, but deep down in there some foxes have promised to be on. Keep the faith.

km

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: "Stan Goldstein, N6ULU" <stan@cruzio.com>
Subject: [4267] HW-9 \$ access FOR SALE
Message-ID: <199510151751.NAA51921@nss2.CC.Lehigh.EDU>

Time for some new toys , some of the old ones gotta go.

For Sale HW-9	15-20-40-80 M	W/ matching pwr supply	\$ 225
Warc kit (10-12-17-30),	uninstalled		30
MATCHing QRP wattmeter	HM-9		40
Matching Tuner	HFT-9		40
Plus Shipping			

Package deal \$ 315, I ship conus.

Must sell hw9 before accessories ,as priority will be given to buyer of HW-9.

All cosmetically good to better.
Electrically , no known problems.

72/73 Stan N6ULU,

E-mail Stan@cruzio.com
phone 408 722-0588

--

Stan Goldstein

From qrp-l@lehigh.edu Mon Oct 16 14:35:00 1995
From: Mike.Czuhajewski@bbs.abs.net (Mike Czuhajewski)
Subject: [4272] More of my articles at FTP
Message-ID: <19950ct15.193050.27882@abs.net>

I just uploaded three of my articles from the Oct 95 QRP Quarterly to the archives at lehigh.edu, and if you don't get the QRP Quarterly you can read them there (less graphics, of course). One is in the reviews subdirectory, on Volume III of K7YHAs QRP operation series. The other two are under "articles"; one is an article, and perhaps the first installment of a column, and is titled "Watts are for Wimps!". The filename is similar. Local QRPer W03B agreed to take it over as a column, if anyone shows interest, and after he gets tired of doing it I'll take it back.

The final one is about using computer oscillator cans as real QRP transmitters, and highlights the fact that the little suckers have incredibly dirty output spectrums! The power is very low, but the harmonic content is very high, so it's between you and the FCC whether you filter the outputs. (Hint--they are FAR from "street legal" without filters.)

73 and Queue Our Pea DE WA8MCQ wa8mcq@bbs.abs.net

--

Mike Czuhajewski, user of the UniBoard System @ abs.net
E-Mail: Mike.Czuhajewski@bbs.abs.net
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: Mike Connor <mikec@primenet.com>
Subject: [4287] Norcal/KC1 Install/Thanks
Message-ID: <Pine.BSD.3.91.951015213716.25880A-1000000@usr5.primenet.com>

Dear Qrp Bretheren,

My thanks to all those who offered suggestions for the
problem I was having with the VFO protion of the KC1. I switched from
5pf to 10pf on the VFO line, turned it on and BINGO! Freq readout!
This darn thing is the feline's utterance, I can't stop playin with it.
Here's the install info;

Mounted on front panel

Used existing keyer jack, turned upside down

Wired to Norcal board with a 10 strand ribbon cable scrounged from
an old computer serial port (only need 6 or 7 strands)

Separate wire for VFO with 10pf cap

Once again I'm reminded of what a priceless resource the list is,
thanks again!

7T2

Mike

NQ7K

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: PB13128@deere.com
Subject: [4290] NOTE 10/16/95 01:28:59
Message-ID: <DACDXX21.PB13128.560029010095289FDACDXX21@TCP30.DX.DEERE.COM>

Subject: Milliwatt Field Day results

Could someone who has recieved the latest QRP ARCI Quarterly be kind
enough to send me the results of the Milliwatt Field Day. I won't be
back to the states for another month and really would like to know
how I faired. Call is NN9K, QRP (of course) battery and 2 operators.
Please send info to me direct at pb13128@deere.com.

Thanks in advance (to someone),

Pete, VK4CWX (NN9K, OK8ECZ)
pb13128@deere.com

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)
Subject: [4269] Pacificon information of particular interest to this list.
Message-ID: <199510151840.LAA16848@netcom3.netcom.com>

For those who are going to Pacificon next weekend, I picked up some information at the last MDARC meeting.

"The Evolution of QRP SSB Homebrew Transmitters" by Derry Spttle VE7QKK and John Liebenrood K7RO is at 0900 Saturday.

Also at that time is "'Linux' and Amateur Radio" but there is a repeat of that one on Sunday at 1000

"Operating and Designing QRP CW Transmitters" by Wayne Burdick K7KR and Sam Goldstein N6ULU is at 0900 on Sunday.

Also at that time is

"High Speed Packet" which is also at 1000 Saturday

"Hang Gliders and Ham Radio"

"T-Hunt for Beginners Only"

Also of some interest:

"Bicycle Mobile Hams" is at 1300 Saturday

"Beginning HF" is at 1600 Saturday

"Coherent CW" is at 1200 Sunday

This information came from a handout on Friday night. Obviously, there could be changes between now and the scheduled events.

73, doug

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: PArland@aol.com
Subject: [4285] QRP ARCI Fall QSO Party
Message-ID: <951015230854_45506482@mail04.mail.aol.com>

Hi Gang:

Well, another Fall QSO Party is history. Those of us in and around the PA area also had to contend with the obnoxious PA QSO Party. (If Cam ever schedules our Fall bash to coincide with the PA QSO Party again, I might have to arrange for "Bubba" to visit him and gently show him the error of his ways!)

Actually, 200K pts is not bad from here for the amount of time I spent on the contest. Unfortunately 40 meters was trashed by the kilowatt PA QSO Party dudes, and 20 meters had the omnipotent data-dudes all over the QRP calling freqs. 15 opened up for a few Qs but everyone was down in the noise. The TH7 helped, but nothing makes up for the lack of sunspots.

Its a sad fact that 20 meters was my big band followed by 80! 40 was totally useless...which is a pity.

Hope you all did better than I did.

72/72 rich

(PS: worked K5FO in TX, FINALLY!)

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: "John F. Woods" <jfw@jfwhome.funhouse.com>
Subject: [4279] QRP ARCI QSO wrapup
Message-ID: <199510160120.VAA00930@jfwhome.funhouse.com>

Well, my daughter decided that she couldn't live without the TV (and its harmonics :-)) any longer, so I pulled the plug an hour early. I managed to do a lot better than I thought I would, in between other distractions; 6 contacts on 15 meters and 18 on 80 meters (guess I need to build a 40m module for my Sierra :-). (Maybe if I'd been able to put in more than about 7 hours, I could have gotten a real score.) Dodging the PA TEST on 80m was kind of tough, but they seemed to come in waves. I thought at first that it was some kind of Pennsylvania QSO party, from all the "3" calls, but the fact that they were routinely pegging the S-meter on my SB-303 receiver -- which was not plugged in at the time -- led me to conclude that it was a Power Amp TEST, and SURE ENOUGH, their power amps were working (OK, guys, you can stop testing them now :-)).

It seemed like mostly QRP ARCI members working the contest, though I did work a couple of independants (and even heard someone giving a power of 100W; maybe they ~~were~~ a member and just too embarassed to

admit it :-). 15m gave me the most interesting propagation (GA, SK, AB, and CO), but 80m was where all the action was. If I've figured my score right, it's 11172 points; maybe I should have detuned the rig a bit to put out only 1W instead of 2; I'd have lost maybe 4 contacts, but I'd probably have been ahead with the multiplier...

I was operating from the garage, with the antenna beside the house. Much to my amusement, on 15m I found that I was turning on the IR-detector floodlight when I keyed. It would have been real handy if it had been 80m that did that (since 15m is a daytime band, of course).

Let's see, who on the list did I work...? 4: K7YHA, WA3YON, K3TKS, and VE5VA (with the faint possibility of having worked others who didn't list their callsign with the QRP-L subscription). Thanks for the contacts!

72, John, WB7EEL

From qrp-l@lehigh.edu Mon Oct 16 14:35:00 1995
From: plquick@facstaff.wisc.edu (Paulette Quick, N9OUH)
Subject: [4292] QRP-ARCI, WA9PWP and hamfest
Message-ID: <199510161332.IAA10063@audumla.students.wisc.edu>

As usual, I scheduled too many activities this weekend. That's one of the high points about Madison. No matter what good stuff you select, there are 1,000 equally wonderful things that you've missed.

Many of these activities are radio-related. There's the every Saturday breakfast-with-the-hams (which includes many qrpers). The local ARES group had a freeze-your-butt-and-wish-it-were-still-summer picnic, but I passed on that.

After doing a bunch of socially useful stuff (that I had left to the last minute to complete) I was ready to throw a dit at the QRP-ARCI contest. Feh! I too was flummoxed by the PA QSO Party. Now I love the WI QSO party held in here in March and have always wanted to participate in some other state's contest, but not THIS weekend!

Due to my icky code speed (presently plateaued at 17 wpm maybe) I checked out the 40m Novice frequencies and confronted the worst broadcast interference I have ever heard. I decided to at least go back and listen to 7040, where heard one person say to another in reference to the congestion, "what's this--is there a war going on?" I can understand a fast station's QSO if I listen long enough, but I still feel funny about waving my slow digital hand in the crowd. Worse than being shot down--I

might be ignored! I heard a familiar call, WA9PWP, Paul Goemans of Madison, qrper par excellence (and a nice guy to boot). I tried to call him but he was using a really narrow filter on the Argosy. In shame, I gave up and went to bed.

Sunday Morning! Sleep in? No! Get up at 5:30 am in order to meet some other Madison hams so we could car pool to a hamfest at the Waukesha, Wisconsin County Fair Grounds. I couldn't recall if I'd given up on sleep (and operating time) for the cool fall hamfest or the seasonal garage sale. Ewwwee! It was the latter! A Junkfest for sure. There were a few old broadcast band radios to stare at lovingly (I'm crazed for *anything* having to do with radio's past) but most of those private vendors should have hidden their faces. Oh well. All I needed to get anyway were a few connectors.

After all, the hams are the best reason to attend a hamfest! I entered one of the wide, barn-like rooms and who do I see coming toward me but Paul, WA9PWP. Just a big old smile on his face, a box of parts, and what's this! A qrp rig! With a great metal case and a meter and knobs! AND ALL HE SPENT WAS A DOLLAR!!! Tell that to the guy who says ham radio is too expensive! Paul's an electrical engineer who spends his day working with equipment, so he's the perfect person to get this prize. I told him he'd better post his diagnostic results to the list, and I'm expecting all 700+ of you to hold him to that promise.

I also spoke with another fine fellow, AA90L, Dave Werner, formerly of this list, and his wife Nina, N2FFH. We talked about the need for a Madison area qrp club (which I am willing to get started). The toughest part is finding time to meet. Those 1,000 things to do, you know.

Arrived home in late morning, did chores, and was able to contact WA9PWP on 20 meters. Thanks Paul--I need to be reminded that there's radio life beyond 40 and 80 meters.

A good weekend despite the QRM and good incentive to break through the code speed plateau.

72 de N90UH
Paulette Quick
plquick@facstaff.wisc.edu

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: Brien Pepperdine <pepperb@gov.on.ca>
Subject: [4260] SCAF filter
Message-ID: <Pine.OSF.3.90.951015100257.9020A-1000000@govonca2>

Hello all. Well, I hear PA and their QSO Party real well here, so well I have just about given up trying to find a place to find or be found re. the QRCI Fall QSO party. Hope others have better luck and patience.

Anyhow, I took this weekend as a opportunity to finish off the Switched Capacitor Audio Filter (SCAF) as featured in an article in October 1992 QST. This filter is also available as a kit from OHR for those of you on the OHR QRP-L group buy.

I had myself got the board from FAR Circuits and the chips locally (though I believe FAR sells the SC chip as well, which helps.) This filter really does appear to be what the author claims it to be; a really good filter in absence, or presence, of an IF filter. I've tried it a bit this morning on 40 m. with the PA party going on, with the IF passband wide and narrow, and the filter does a grand job. No attenuation from what I can discern, and it does not take much audio in to get a good level in the headphones (when fed by my Drake).

A couple weeks back Paul F. Carreiro - N6HCS posted an item to qrp-l about his Super Scaf mods, and I think they are great. However, I have to procure that neat little Radio Shack audio amp via my wife during her business trips to the US, so that added amp, for qrp rigs providing small audio levels of their own, will have to wait. However I did accidentally hit upon something that 'fixed' a problem Paul wrote about. With the filter 'on' there is no bypass; everything is filtered, which means popping up to the 2400 hz bandwidth or thereabouts for 'scanning wide'. With the multi-position switch I yanked out of my junkbox the 'first' position is actually a short, therefore the voltage goes to the switch and back to the filter, essentially a bypass of the switched diodes; so it is 'wide' in the first position; switching does not occur until position 'two', which I have set up as 115 hz. Therefore I can pop over to very wide from very narrow, helping out with a scan that is not filtered. Maybe this helps. Of course OHR Kits will come with whatever they come with, and so Paul's bypass switch solution would be very appropriate and recommended.

This filter works very nice for me. I was able to spend some time yesterday putting a TimeWave DSP 9+ through some paces on cw. A nice filter, I liked the way the AGC seemed to 'pull' the signal to the foreground. The noise filter worked well too. And, the filtering? --- very steep and very there. Click on the signal, tune a bit more and its gone. Adjacent signals are just not heard.

But, as an alternative, the SCAF, from OHR or via a Far Circuits board (you can off course do ugly, breadboard, perfboard, etc.) is a very good

filter. Of course, now that I have it going, I am going to look into modifying it. The QST article version started at 108 hz, the FAR board is 115 (not a big difference). But between there and 230 (244 on FAR) there are 3 positions open via diode switching, and it might be nice to use them, as the 2600 position is not useful to me (not a big SSB user, and I don't need to filter DX pileups). And the difference between 408 and 490 is not great enough. I've got an 8 position switch installed so maybe a greater variety of 'narrow' positions is what I can do instead. In reality though the most narrow I have at 115 is very good and is tight and narrow, with no signal attenuation, so it might be I find it best and don't find out I want or need widths between 115 and 244.

Anyone who had mucked about with the widths and found what they liked and worked best for them is welcome to share their findings to me, if not also the list as a whole (since I think there are some OHR group people buying the kits, and I think there is one person where who has talked to Dick at OHR about modifying for more or different widths than the 'stock' ones).

And, excuse me for being so late to discover SCAF and DSP. Anyhow, now back to mucking about with the opamp filters and L-C 88 uH toroid filters. More with less, or maybe at least a good amount.

72

Brien
Toronto

pepperb@gov.on.ca

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: Joachim Seibert <Joachim.Seibert@urz.uni-heidelberg.de>
Subject: [4291] Re: 28.322 MHz oscillator modules found!
Message-ID: <Pine.A32.3.91.951016101608.30257A-100000@aixterm4.urz.uni-heidelberg.de>

Be carefull with the modules. They are designed for computers (VGA-cards) and they are producing square-waves! With good filtering You might use them as CW-transmitters. I did some experiments with the '160m-type' (1.8434Mc/s for the RS232) too.
vy 72, Joachim DL1GSJ

Joachim Seibert

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Internet: Joachim.Seibert@urz.uni-heidelberg.de
Joachim.Seibert@relay.ari.uni-heidelberg.de
Telefon : ++49 6221 405242 or ++49 6221 405235
FAX : ++49 6221 405297

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: [4262] Re: ARCI American or International?
Message-ID: <9510151539.AA11556@rgfn.epcc.Edu>

I second LB's comments - I certainly hope our non-U.S. QRP friends
take him up on the suggestion - it is to our advantage to have
representation and opinions from outside our own yard!.
Ray, W5XE/V31XE, El Paso, Tx

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: "John F. Woods" <jfw@jfwhome.funhouse.com>
Subject: [4284] Re: ARCI QSO Party
Message-ID: <199510160242.WAA01564@jfwhome.funhouse.com>

> I dropped down
> to 40m long enough to disappoint K3TKS with my VA (hope springs eternal--
> he thought he had CA in the middle of the PA contest on 40m at 4:30pm
> local!)

The poor guy! He had to have me repeat my QTH because he was hoping against
hope I was in WA instead of MA... :-)
72 (esp. to Danny!), John, WB7EEL/1

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: Rich Mulvey <mulveyr@vivanet.com>
Subject: [4277] Re: ARCI Results - AB5WB
Message-ID: <199510160023.UAA12712@linux>

>
>
>
> To all,

>
> I only had a few hours to fiddle around with the contest on Saturday so
> was only able to produce a modest effort.
>

(list deleted)

Just a friendly comment - ARCI numbers aren't published, to assist in validating logs. You might want to eliminate them from public postings, next time. :-)

- Rich

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: rgobrick@public.compuser.net (Robert J. Gobrick)
Subject: [4273] Re: ARCI Test Arrrrgh!!!
Message-ID: <199510160008.VAA23716@public.compuser.net>

Joe,

It's probably Rich Arland's K7YHA/PA fault. PA doesn't stand for Particularly Attractive - PA, I think is in the 3 US call area. Actually have to be VERY careful about talking about the home of the Quakers - it is where I was born and where my folks still reside. Anyway I betcha Rich was QRO'ing this weekend with all those other Pennsylvania Dutch Kilowatts. I stuck to 20 meters for the QRP QRCI Fall QSO party - didn't hear a peep from PA. I did make a QSO with Dave Benson's NN1G Small Wonders Laboratory "Green Mountain 20 " mini xcvr. Sounded great up thru the Northern RF Zone.

73/72 Bob V01DRB/WA6ERB

>Gang,
>
>Well I had great aspirations for this weekend. I was gonna work ALL of you in
>the ARCI contest. I turned on the receiver today and nearly lost my hearing.
>Tuned around and found that every Hz of the bands were filled with CQ PA TEST
>- OH NO! Not this weekend!
>72,73,
>
>Joe E., N2CX
>
>

	Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada	
	QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP	
	Internet: rgobrick@public.compuser.net	

| bgobrick@terra.nlnet.nf.ca |
Compuserve: 70466.1405@compuserve.com

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: JEVERHART@cayman.vf.mmc.com
Subject: [4286] Re: ARCI Test Arrrrgh!!!
Message-ID: <951015233758.2102ec32@carib.vf.mmc.com>

Bob,

I really didn't intend to knock any pensyltuckians, I've lived most of my life within spitting, err... rocktrhrowing, err.. anyway right next door. In fact I even LIVED in it for 4 years and my oldest was born there. Why some of my best friends have # call signs.

I guess my most frustration was that because I was fired up for the contest and my enjoyment was denied, I feel cheated.

Alas, I'm so close that even 20 meters is within ground wave range and it, too was rendered useless by fervent QRP Party competitors. Attempts to convince them to give me a valid ARCI exchange (i.e. power level) resulted in "QSL VA QRZ PA TEST DE X3XXX BK." The latter since their COMPUTERS or MEMORY KEYERS were programmed with canned responses and they didn't want to be bothered. I'll be curious to see how some of the PA QRP'ers made out!

BTW, glad to hear that you worked the Green Mtn Special. Gotta scrape together a few sheckels so I can get one.

72/73,

Joe E., N2CX

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [4283] Re: Fox passes, ARCI results and general blithering
Message-ID: <199510160237.CAA06093@chuck.dallas.sgi.com>

Gang,

Wait!! I've seen three postings about errors in numbers sent!!
There may be more.

You mean that I spent all these years studying the numbers in Morse and then after all that effort you guys are going to send me ones that don't matter? What is this, random code practice? :-) ;-)

It's really funny. Here's why. I'm working an hour or so into the party after a late start and I noticed right off we have three, count them, three parties going:

1. QRP ARCI party
2. PA QSO party
3. FISTS QSO party and someone worked me with both numbers!! :-)

I have two numbers for QRP ARCI and one number for FISTS, which I don't remember the latter. :-) I just recently discovered an old QRP ARCI membership number issued in 1971 and a later number issued during a renewal. 'cuz I changed my call I got a new number and didn't think to check. So if you check in previous party logs the number I sent then with what I sent this weekend, you'll find that they are different. I didn't make 'em up. I'll be using the older one with pride from now on. It's old enough to vote in most states.

I'm going to ask Cam for a change of rules. TROUBLE MAKER K5F0?
Maybe? Maybe not?

It is true that the QRP ARCI contest and awards programs use the member number in both programs and we don't publish them anywhere. I often see signature postings to this group with an ARCI number in them. I have no problem with that. I don't think it'll ever be maliciously used or in a fraudulent manner.

During a QSO party I wanna know your name, not your number. Guess which one I'll remember longer? Do you want me to come up to you in Dayton and call out your number? I'm sure you can test me and I'll fail, so please don't make me feel bad at Dayton. :-) Two largest numbers I worked were 8600 and 8601. The smallest in the low 700's. So I'd like Cam to have us use operator name with/instead of number. I don't want the exchange to get too complicated or long. Something to consider.

Point: If you are/have been a member of QRP ARCI, look up your number and if you have changed your call due to move, upgrade, etc. be sure to notify the membership chair, Mike Bryce and let him know. Mike Bryce, WB8VGE, 2225 Mayflower, N.W., Massillon, OH 44647. He does have email, but I don't have the address. Maybe it's in the archives.

Also remember this with all membership updates, etc.

I had fun though I didn't get to do but maybe three hours.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: [4294] Re: hollow-state silicon qrp devices
Message-ID: <9510161406.AA14000@rgfn.epcc.Edu>

I remember something like that, I think there was several articles, some in 73 Magazine in the late 60's, early 70's that also included 6T10 and 6DE7 type tubes. I will have to dig thru my files and see what I can find - in the meantime, I will continue with my classic HT-18 qrp tx/NC240D combo for early day qrp. Ray, W5XE
P.S. It will be another interesting project - as if there are not enough of those generated on the list.

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: prvalko <prvalko@Oakland.edu>
Subject: [4274] Re: Hunting for the fox
Message-ID: <Pine.OSF.3.91.951015201058.23983B-100000@saturn.acs.oakland.edu>

On Sun, 15 Oct 1995, Kris Merschrod wrote:

> I've failed so far, but here is how to do it.

HHHAHAHAHhhhaahahha!!! Oh MAN!!! I *love* this group. Kris, that comment alone has gotta win you some prize from Chuck.

73! =paul= wb8zjl

p.s. GOOD tips! I'm sure you'll bag a fox if you keep using them.

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: Duane Anderson <dandersn@ix.netcom.com>
Subject: [4265] Re: low cost hf antennas
Message-ID: <199510151730.KAA14590@ix9.ix.netcom.com>

At 10:22 AM 10/15/95 EDT, Eric Kb2voq wrote:

> I will be receiving my first hf rig in a few days. Due to household budget
>cuts, I was not able to afford the iso loop i had my heart set on. I live in
>a condo, so no visible antennas are permitted. Does anyone have any ideas
>that are cheap and easy so I can play with my new toy asap?

>

> Eric

> KB2VOQ

>

I live in an apartment and so I use an indoor dipole, which is easy, fast and inexpensive to build. Cut 22 gauge insulated wire to length of band using formula of $234 \text{ divided by freq(mhz)}$ for each side of the antenna. String this up about a foot from the ceiling. It is ok if these wires go around the room and down the hall (that is the way it is in my place) the feed point is the important part for the radiation pattern. As on any dipole, attach the center conductor side of the coax (mini-8) to one radial wire and the ground braid to the other wire. At the feed point coil up 6 feet of the coax in a tight, 4 inch coil. This will act as a balun to match the dipole to the output of the transmitter. Then run the rest of the coax to the transmitter.

In my setup, I used a wire for 40 meters and then cut those wires at the length for 20 meters and attached an alligator clip for easy clipping and unclipping to use the antenna on either band. This setup works good for me. If you use it I hope it will work ok for you. This setup can be used equally well for any hf band you want just keep cutting the wires for each band desired and attaching alligator clips at the length for each band.

73 and good luck,

Duane Anderson
kj7ho
dandersn@ix.netcom.com

From qrp-1@lehigh.edu Mon Oct 16 14:35:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)

Subject: [4293] Re: QRP ARCI Fall QSO Party
Message-ID: <199510161340.NAA06605@chuck.dallas.sgi.com>

Rich,

It was good to work you too finally. You just need to get on more.
I wasn't hidding. :-)

200K!!! I'd think with that score you'd be in the top 10. I don't
wanna hear no whining about no PA contest. I gotta show you guys
how a VFO dial works. It was somewhat clear up around 14.065 for
a change. A few critters would come up and catch me there. :-)

dit dit

--

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